

SEQUENCE LISTING

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Tang, Yi-Quan  
Yuan, Jun  
The Regents of the University of California

<120> Antimicrobial Theta Defensins and Methods of Using Same

<130> P-UC 5042

<140> US 10/009,317  
<141> 2000-05-10

<150> US 09/309,482  
<151> 1999-05-10

<150> PCT/US00/12842  
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Met Arg Thr Phe Ala Leu Leu  
1 5

acc gcc atg ctt ctc ctg gtg gcc ctg cac gct cag gca gag gca cgt 163  
Thr Ala Met Leu Leu Leu Val Ala Leu His Ala Gln Ala Glu Ala Arg  
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Gln Ala Arg Ala Asp Glu Ala Ala Gln Gln Gln Pro Gly Thr Asp  
25 30 35

gat cag gga atg gct cat tcc ttt aca tgg cct gaa aac gcc gct ctt 259  
Asp Gln Gly Met Ala His Ser Phe Thr Trp Pro Glu Asn Ala Ala Leu  
40 45 50 55

cca ctt tca gag tca gcg aaa ggc ttg agg tgc att tgc aca cga gga 307  
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60 65 70

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Phe Cys Arg Leu Leu

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25

30

Gln Gln Gln Pro Gly Thr Asp Asp Gln Gly Met Ala His Ser Phe Thr

35

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Gln Gly Met Ala His Ser Phe Thr Arg Pro Glu Asn Ala Ala Leu Pro  
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60 65 70

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Cys Gln Leu Leu  
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35 40 45

Trp Pro Glu Asn Ala Ala Leu Pro Leu Ser Glu Ser Ala Lys Gly Leu  
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Gln Gln Gln Pro Gly Ala Asp Asp Gln Gly Met Ala His Ser Phe Thr  
35 40 45

Arg Pro Glu Asn Ala Ala Leu Pro Leu Ser Glu Ser Ala Arg Gly Leu  
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Glu Gln Arg Gly Pro Glu Asp Gln Asp Ile Ser Ile Ser Phe Ala Trp  
35 40 45

Asp Lys Ser Ser Ala Leu Gln Val Ser Gly Ser Thr Arg Gly Met Val  
50 55 60

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<223> Description of Artificial Sequence: Synthetic  
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Ala Leu His Ala Gln Ala Glu Ala Arg Gln Ala Arg Ala Asp Glu Ala  
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Ala Ala Gln Gln Gln Pro Gly Ala Asp Asp Gln Gly Met Ala His Ser  
35 40 45

ttt aca tgg cct gaa aac gcc gct ctt cca ctt tca gag tca gcg aaa 192  
Phe Thr Trp Pro Glu Asn Ala Ala Leu Pro Leu Ser Glu Ser Ala Lys  
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ggc ttg agg tgc att tgc aca cga gga ttc tgc cgt atg tta taa 237  
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<212> PRT

<213> Homo sapiens

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His Ala Gln Ala Glu Ala Arg Gln Ala Arg Ala Asp Glu Ala Ala Ala

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25

30

Gln Gln Gln Pro Gly Ala Asp Asp Gln Gly Met Ala His Ser Phe Thr

35

40

45

Trp Pro Glu Asn Ala Ala Leu Pro Leu Ser Glu Ser Ala Lys Gly Leu

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Thr Arg

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Gly Val Cys Arg Cys Leu Cys Arg Arg Gly Val Cys Arg Cys Leu Cys  
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